

Create IBM DB2 And Connect With Python

TEAM	PNT2022TMID03356
PROJECT	SMART FASHION RECOMMENDER APPLICATION

```
import ibm_db

dictionary={}
def printTableData(conn):
    sql = "SELECT * FROM
userdetails"
    out = ibm_db.exec_immediate(conn, sql)
    document =
ibm_db.fetch_assoc(out)
    while document != False:

dictionary.update({document['USERNAME']:document['PASSWORD']})
    document =
ibm_db.fetch_assoc(out)

def insertTableData(conn,rollno,username,email,password):

sql="INSERT INTO userdetails(rollno,username,email,password) VALUES
({},'{}','{}','{}')".format(rollno,username,email,password)
    out =
ibm_db.exec_immediate(conn,sql)
    print('Number of affected rows :
',ibm_db.num_rows(out),"\\n")

def
updateTableData(conn,rollno,username,email,password):
    sql = "UPDATE userdetails SET
(username,email,password)=('{}','{}','{}') WHERE
rollno={}".format(username,email,password,rollno)
    out = ibm_db.exec_immediate(conn,
sql)
    print('Number of affected rows : ', ibm_db.num_rows(out), "\\n")

def
deleteTableData(conn,rollno):
    sql = "DELETE FROM userdetails WHERE
rollno={}".format(rollno)
    out = ibm_db.exec_immediate(conn, sql)
    print('Number
of affected rows : ', ibm_db.num_rows(out), "\\n")

try:

conn=ibm_db.connect("DATABASE=bludb;HOSTNAME=0c77d6f2-5da9-48a9-81f8-86b520b87518.bs2io901
08kqblod8l1cg.databases.appdomain.cloud;PORT=31198;SECURITY=SSL;SSLServerCertificate=DigiCertGlo
balRootCA.crt;PROTOCOL=TCPIP;UID=bjn03696;PWD=ef96tLJX2VjzaCPX;", "",
"")
    print("Db connected")

except:

print("Error")

from flask import
Flask,render_template,request,url_for,session
app=Flask(__name_)
@app.route("/")
```

```

@app.route("/login",methods=['POST','GET'])
def login():
    if
request.method=="POST":
    printTableData(conn)

username=request.form['username']
password=request.form['password']
try:

    if dictionary[username] == password and username in dictionary:

return "Logged in successfully"
    except:
        return "Invalid
username or password"
    return
render_template('loginpage.html')

@app.route("/register",methods=['POST','GET'])

def register():
    if request.method=="POST":
        rollno =
request.form['rollno']
        username = request.form['username']
        email =
request.form['email']
        password = request.form['password']

insertTableData(conn, rollno, username, email, password)

        return

render_template('loginpage.html')
    return render_template('registerpage.html')


if
__name__=="__main__":

app.run(debug=True)
late,request,url_for,session
app=Flask(__name__)
@app.route("/")&quot;
t;)
@app.route("/login",methods=['POST','GET'])
def login():
    if
request.method=="POST":
        printTableData(conn)

username=request.form['username']
password=request.form['password']
try:

    if dictionary[username] == password and username in dictionary:

return "Logged in successfully"
    except:
        return "Invalid
username or password"
return render_template('log')

```

